Inventor: Hiroshi KAMIKAWA ; TAIYO, N Filed: December 24, 2003 Serial No.: 10/743,713 :0333555674

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Attachment B

DECLARATION

I, Yuko Kudo, a staff member of TAIYO, NAKAJIMA & KATO, 3-17,

Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022, Japan, do hereby declare that I am

well acquainted with the English and Japanese languages and I hereby certify that, to

the best of my knowledge and belief, the following is a true and correct translation

made by me into the English language of the documents in respect of Japanese Patent

Application Laid-Open No. 2000-233574, that was filed on 15th February 1999 in the

name of FUJI PHOTO FILM CO., LTD.

Dated this 27th day of June, 2006

Yuko Kudo

Japanese Patent Application Laid-Open (JP-A) No. 2000-233574

[0063]

(Example 1)

Preparation of Microcapsule liquid MC1 encapsulating Electron-donating Dye

10.0 g of the compound represented by the following Formula (E-1), 1.3 g of the compound represented by the following Formula (E-2), 2.0 g of the compound represented by the following Formula (E-3), 2.7 g of the compound represented by the following Formula (E-4), 1.3 g of the compound represented by the following Formula (E-5), 0.1 g of the compound represented by the following Formula (E-6), and 0.4 g of the compound represented by the following Formula (E-7) were dissolved in 20 g of ethyl acetate by applying heat and then cooled to 40°C. To the thus obtained solution were added 2.0 g of a capsule wall material (trade name: TAKENATE D-110N, manufactured by Takeda Pharmaceutical Company Limited), 11.6 g of a capsule wall material (trade name: TAKENATE D-127N, manufactured by Takeda Pharmaceutical Company Limited), and 0.4 g of n-butanol and stirred at 40°C for 40 minutes.

[0064]

Formula (E-1)

Formula (E-2)

Formula (E-3)

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Formula (E-4)

Formula (E-5)

Formula (E-6)

Formula (E-7)

$$\text{CH}^{N} > H - \text{CH}^{CH^{2}}$$

[0065]

To the thus obtained solution was mixed an aqueous phase containing 40 g of 8% of a polyvinyl alcohol solution (trade name: PVA 217C, manufactured by Kuraray Co., Ltd.) and 13 g of water. The thus obtained solution was emulsified for 5 minutes at a rotation of 10,000 rpm by using a homogenizer (trade name: ACE HOMOGENIZER, manufactured by Nippon Seiki Co., Ltd.).

[0066]

To the thus obtained emulsion was added 70 g of water and 0.5 g of tetraethylene pentamine. The resulting mixture was subjected to a capsulation reaction run at 60°C for 3 hours to prepare a microcapsule liquid MC1 containing microcapsules having an average particle diameter of 0.6 µm.

[0067]

The average particle diameter is a 50% volume-average particle diameter measured by

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using a laser diffraction grain distribution measuring device (trade name: LA700, manufactured by Horiba, Ltd.). Hereinafter, "average particle diameter" means the 50% volume-average particle diameter unless noted otherwise.

[0068]

(Example 1)

Preparation of Microcapsule liquid MC1 encapsulating Electron donating Dye

9.5 g of the compound represented by the Formula (E-1), 1.2 g of the compound represented by the Formula (E-2), 1.8 g of the compound represented by the Formula (E-3), 4.6 g of the compound represented by the Formula (E-4), 1.0 g of the compound represented by the Formula (E-5), 1.0 g of the compound represented by the Formula (E-6), and 0.4 g of the compound represented by the Formula (E-7) were dissolved in 20 g of ethyl acetate by applying heat and then cooled to 50°C. To the thus obtained solution were added 11.4 g of a capsule wall material (trade name: TAKENATE D-140N, manufactured by Takeda Pharmaceutical Company Limited) and 1.3 g of another capsule wall material (trade name: BURNOCK D750, manufactured by Dainippon Ink and Chemicals, Inc.) and stirred.

[0069]

[0070]

To the thus obtained solution was mixed an aqueous phase containing 40 g of 8% of a polyvinyl alcohol solution (trade name: PVA 217C, manufactured by Kuraray Co., Ltd.) and 13 g of water. The thus obtained solution was emulsified for 5 minutes at a rotation of 10,000 rpm by using a homogenizer (trade name: ACE HOMOGENIZER, manufactured by Nippon Seiki Co., Ltd.).

To the thus obtained emulsion was added 80 g of water and 0.8 g of tetraethylene pentamine. The resulting mixture was subjected to a capsulation reaction run at 60°C for 3 hours to prepare a microcapsule liquid MC2 containing microcapsules having an

average particle diameter of 0.6 µm.

[0085]

(Comparative example 2)

Preparation of Microcapsule liquid MC3 encapsulating Electron-donating Dye

10.0 g of the compound represented by the following Formula (E-1), 1.3 g of the compound represented by the following Formula (E-2), 2.0 g of the compound represented by the following Formula (E-3), 2.7 g of the compound represented by the following Formula (E-4), 1.3 g of the compound represented by the following Formula

(E-5), 0.1 g of the compound represented by the following Formula (E-6), and 0.4 g of the compound represented by the following Formula (E-7) were dissolved in 20 g of ethyl acetate by applying heat and then cooled to 40°C. To the thus obtained solution was added 13.6 g of a capsule wall material (trade name: TAKENATE D-110N, manufactured by Takeda Pharmaceutical Company Limited) and stirred. [0086]

Formula (E-1)

Formula (E-2)

Formula (E-3)

Formula (E-4)

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Formula (E-5)

Formula (E-6)

Formula (E-7)

$$\text{CH}^N > H - \text{CH}^3$$

[0087]

To the thus obtained solution was mixed an aqueous phase containing 40 g of 8% of a polyvinyl alcohol solution (trade name: PVA 217C, manufactured by Kuraray Co., Ltd.) and 13 g of water. The thus obtained solution was emulsified for 5 minutes at a rotation of 10,000 rpm by using a homogenizer (trade name: ACE HOMOGENIZER, manufactured by Nippon Seiki Co., Ltd.). To the thus obtained emulsion was added 70 g of water and 0.5 g of tetraethylene pentamine. The resulting mixture was subjected to a capsulation reaction run at 60°C for 3 hours to prepare a microcapsule liquid MC3 containing microcapsules having an average particle diameter of 0.6 µm.